

# Mora®

INTEGRATED ACOUSTIC CEILING AND LIGHTING SYSTEM



## MORA BUILD



Mora Build literally offers the building blocks to your next acoustic ceiling. The two standard designs of Arch and Wave are available in nominal square modules from 4 to 8 feet, lit or unlit. Several modules can be combined over large surface areas, resulting in rhythmic and playful ceilings.

**[Go to Mora Build Arch](#)**

**[Go to Mora Build Wave](#)**

## MORA CREATE



Mora Create gives you the freedom to design custom-sized arrays to fit the exact dimensions of your room using three designs: Alpine, Radiate, or Ripple. Each offers a singular visual aesthetic and allows for placement of the continuous luminaires to fulfill the lighting requirements of the space.

**[Go to Mora Create](#)**

## MORA INSPIRE



Let your imagination run wild with the support of our design and engineering team. We will turn your inspiration into a showpiece ceiling.

**Contact us at**  
**[acoustic.solutions@focalpointlights.com](mailto:acoustic.solutions@focalpointlights.com)**  
**to discuss your project.**

# Mora® Build Arch

INTEGRATED ACOUSTIC CEILING AND LIGHTING SYSTEM

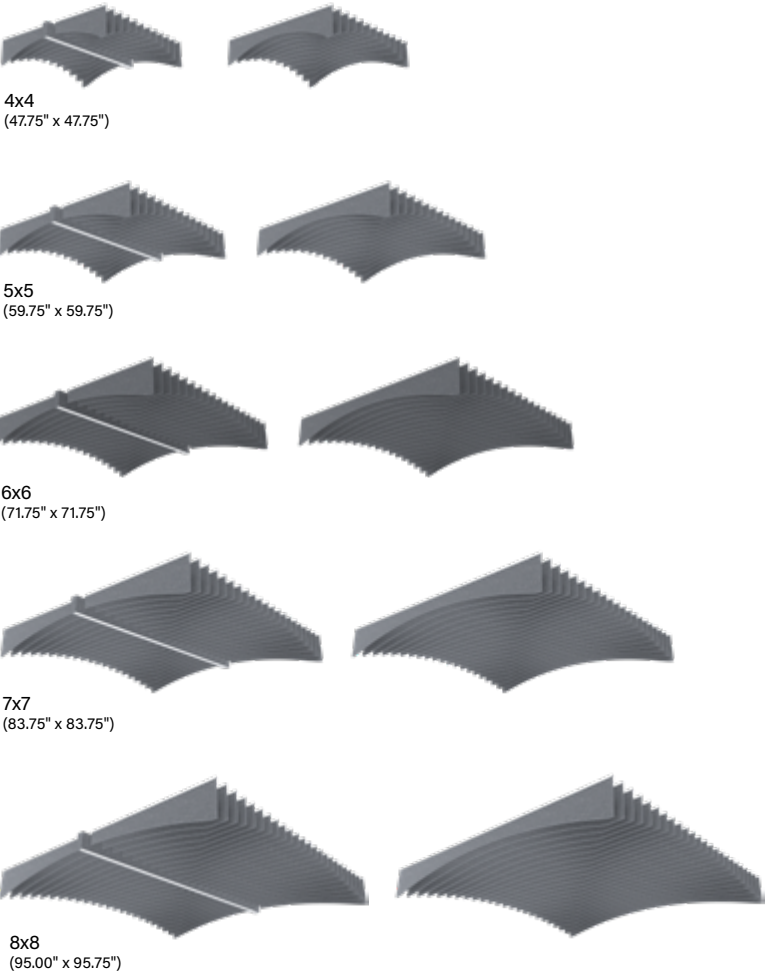


## SYSTEM FEATURES

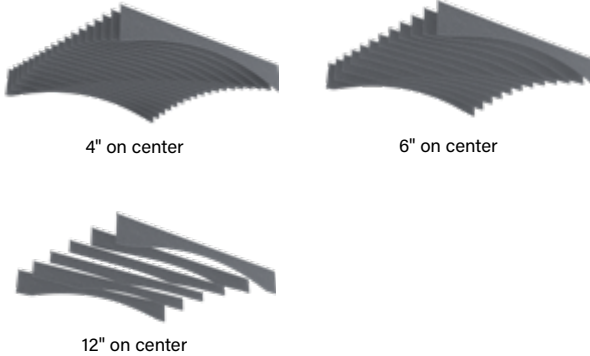
- Mora combines TruBlade® slim, 9mm thick, sound absorbing acoustic baffles with optional Seem® 1 Acoustic luminaires.
- Nominal square modules from 4 to 8 feet.
- TruBlade's top aluminum extrusion optimizes stability and straightness.
- Blade spacing of 4" , 6" or 12" on center.
- Combine A & B style modules to create patterns.
- Seem 1 Acoustic luminaires feature AirCore® patent pending, eco-friendly technology that maximizes sound absorption and reduces ecological impact.
- Frosted acrylic lens provides uninterrupted illumination, without pixels or shadows.
- Choice of lumen output levels to meet a wide variety of application needs.
- Wide range of PET color options including The Naturals, a series of finishes that exude biophilic beauty, provides design flexibility and personalization for any project.

## MODULE DETAILS

### Module Sizes (4" on center blade spacing shown)



### Blade Spacing (6x6 modules shown)



### On-center Luminaire Spacing & Module Compatibility

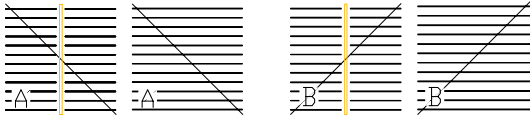

Use the table below to determine suitable module sizes based on the desired on-center spacing of the luminaires.

LIT AND UNLIT MODULE CONFIGURATIONS	MODULE SIZE				
	4x4	5x5	6x6	7x7	8x8
	On-center luminaire spacing				
	4ft	5ft	6ft	7ft	8ft
	8ft	10ft	12ft	14ft	16ft
	12ft	15ft	18ft		
	16ft				

STYLES

Arch A (AHA)

Arch B (AHB)



The sequence of the baffles is reversed for A and B styles, yielding a totally different visual effect. Use each individually or mix and match A and B style modules to create unique ceilings.

PATTERN INSPIRATIONS



Arch 'Zig-Zag' Pattern



4x4 modules, 6" blade spacing, A & B styles



Arch 'A' Pattern



8x8 modules, 4" blade spacing, all A style



Arch 'B' Pattern

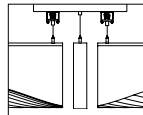
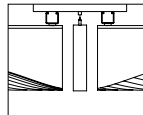
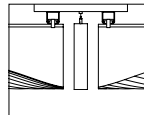
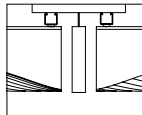
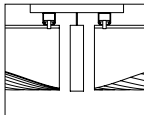


Arch 'Chevron' Pattern



Arch 'Argyle' Pattern

SYSTEM MOUNTING



DTSKDTSMCSKCSM24CS

See page 8 for strut recommendations.

LIT SYSTEM ORDERING

System Series		AMR
Mora Build		AMR
Style		
Arch A		AHA
Arch B		AHB
Acoustic Panel Color		
See page 10 for color offering		
Size (nominal)		
4' x 4'		44
5' x 5'		55
6' x 6'		66
7' x 7'		77
8' x 8'		88
Blade Spacing		
4" on center		40C
6" on center		60C
12" on center		120C
(6 x 6, 7 x 7 and 8 x 8 sizes only)		
System Mounting		
Direct to Strut Luminaires and StrutKlip Baffles		DTSK
Direct to Strut Luminaires and Direct to Strut Magnet baffles		DTSM
Cable Suspension Luminaires and StrutKlip baffles		CSK
Cable Suspension Luminaires and Direct to Strut Magnet baffles		CSM
Cable Suspension Luminaires and Baffles (24" length)		24CS
Luminaire Series		ASM1S
Seem 1 Acoustic		ASM1S
Shielding		
Batwing Lens		BW
Regress Lens		RL
Height		6
6" Nominal		6
Lumen Output		
100 Lumens per foot (Consult factory for Lutron, DALI)		100LF
200 Lumens per foot		200LF
300 Lumens per foot		300LF
400 Lumens per foot		400LF
500 Lumens per foot		500LF
Color Temperature		
3000K, 80CRI or 90 CRI		30K or 930K
3500K, 80CRI or 90 CRI		35K or 935K
4000K, 80CRI or 90 CRI		40K or 940K
Circuits & Zones		1C
1 Circuit		1C
Voltage		UNV
120/277 UNV Volt		UNV
Control System & Dimming Level		
0-10V - 10% Dimming		LD1
0-10V - 1% Dimming		L11
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming		LH1
DALI 1% Dimming		D11
Factory Options		
Black Cord		BKCD
Emergency Circuit		_EC
Emergency Battery Pack		_EM

UNLIT SYSTEM ORDERING

System Series		AUMR
Mora Build unlit		AUMR
Style		
Arch A		AHA
Arch B		AHB
Acoustic Panel Color		
See page 10 for color offering		
Size (nominal)		
4' x 4'		44
5' x 5'		55
6' x 6'		66
7' x 7'		77
8' x 8'		88
Blade Spacing		
4" on center		40C
6" on center		60C
12" on center		120C
(6 x 6, 7 x 7 and 8 x 8 sizes only)		
System Mounting		
Direct to Strut: StrutKlip		DTSK
Direct to Strut: Magnet		DTSM
Cable Suspension (24" length)		24CS



# Mora® Build Wave

INTEGRATED ACOUSTIC CEILING AND LIGHTING SYSTEM

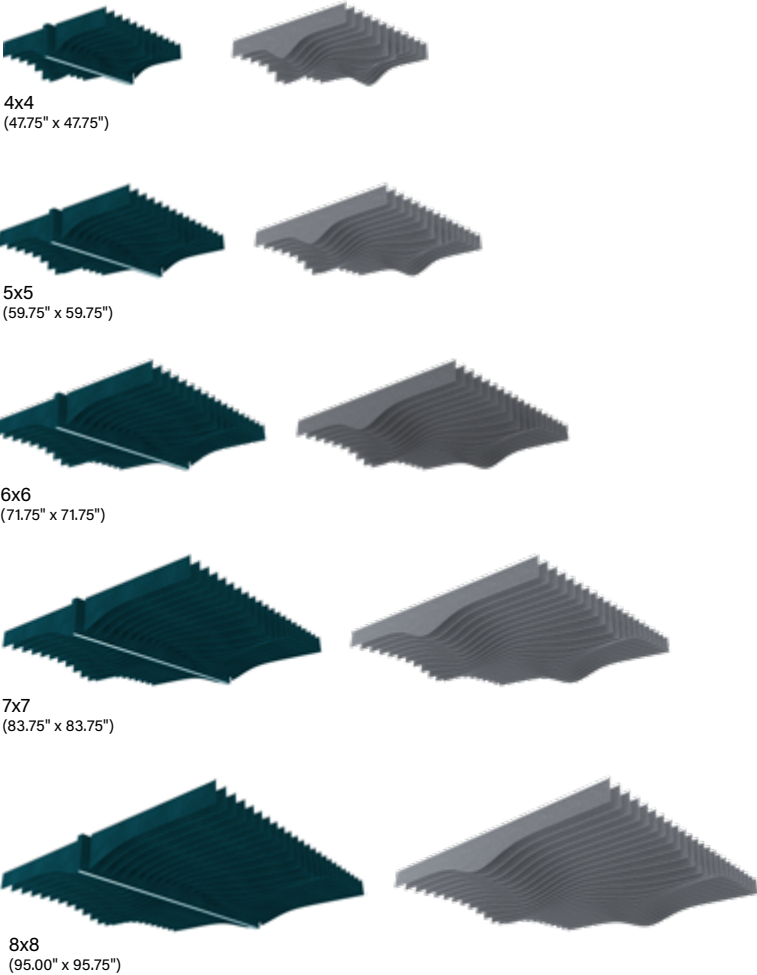


### SYSTEM FEATURES

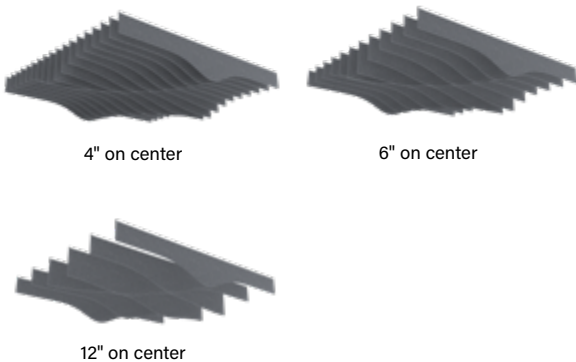
- Mora combines TruBlade® slim, 9mm thick, sound absorbing acoustic baffles with optional Seem® 1 Acoustic luminaires.
- Nominal square modules from 4 to 8 feet.
- TruBlade's top aluminum extrusion optimizes stability and straightness.
- Blade spacing of 4" , 6" or 12" on center.
- Combine A & B style modules to create patterns.
- Seem 1 Acoustic luminaires feature AirCore® patent pending, eco-friendly technology that maximizes sound absorption and reduces ecological impact.
- Frosted acrylic lens provides uninterrupted illumination, without pixels or shadows.
- Choice of lumen output levels to meet a wide variety of application needs.
- Wide range of PET color options including The Naturals, a series of finishes that exude biophilic beauty, provides design flexibility and personalization for any project.

### MODULE DETAILS

#### Module Sizes (4" on center blade spacing shown)



#### Blade Spacing (6x6 modules shown)



#### On-center Luminaire Spacing & Module Compatibility

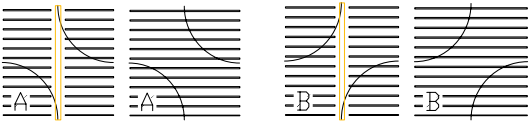

Use the table below to determine suitable module sizes based on the desired on-center spacing of the luminaires.

LIT AND UNLIT MODULE CONFIGURATIONS	MODULE SIZE				
	4x4	5x5	6x6	7x7	8x8
	On-center luminaire spacing				
	4ft	5ft	6ft	7ft	8ft
	8ft	10ft	12ft	14ft	16ft
	12ft	15ft	18ft		
	16ft				

STYLES


Wave A (WVA)

Wave B (WVB)

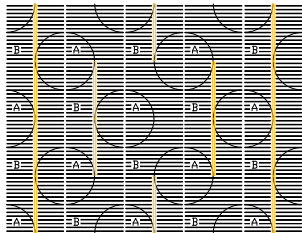


The sequence of the baffles is reversed for A and B styles, yielding a totally different visual effect. Use each individually or mix and match A and B style modules to create unique ceilings.


PATTERN INSPIRATIONS



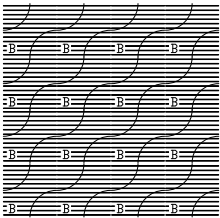
Wave 'Circle' Pattern



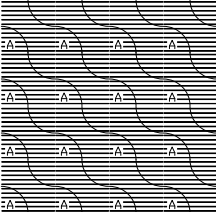
5x5 modules, 4" blade spacing, A & B styles, with 2" module spacing



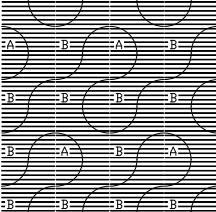
Wave 'B' Pattern



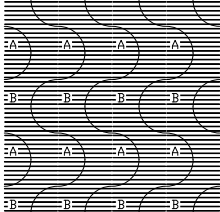
6x6 modules, 6" blade spacing, All B style



Wave 'A' Pattern

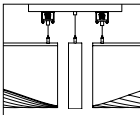
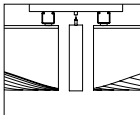
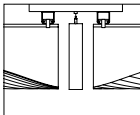
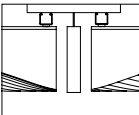
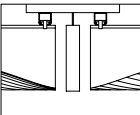


Wave 'Organic' Pattern



Wave 'S' Pattern

SYSTEM MOUNTING



DTSK

DTSM

CSK

CSM

24CS

See page 8 for strut recommendations.

LIT SYSTEM ORDERING

System Series	AMR
Mora Build	AMR
Style	
Wave A	WVA
Wave B	WVB
Acoustic Panel Color	
See page 10 for color offering	
Size (nominal)	
4' x 4'	44
5' x 5'	55
6' x 6'	66
7' x 7'	77
8' x 8'	88
Blade Spacing	
4" on center	40C
6" on center	60C
12" on center	120C
(6 x 6, 7 x 7 and 8 x 8 sizes only)	
System Mounting	
Direct to Strut Luminaires and StrutKlip Baffles	DTSK
Direct to Strut Luminaires and Direct to Strut Magnet baffles	DTSM
Cable Suspension Luminaires and StrutKlip baffles	CSK
Cable Suspension Luminaires and Direct to Strut Magnet baffles	CSM
Cable Suspension Luminaires and Baffles (24" length)	24CS
Luminaire Series	ASM1S
Seem 1 Acoustic	ASM1S
Shielding	
Batwing Lens	BW
Regress Lens	RL
Height	12
12" Nominal	
Lumen Output	
100 Lumens per foot (Consult factory for Lutron, DALI)	100LF
200 Lumens per foot	200LF
300 Lumens per foot	300LF
400 Lumens per foot	400LF
500 Lumens per foot	500LF
Color Temperature	
3000K, 80CRI or 90 CRI	30K or 930K
3500K, 80CRI or 90 CRI	35K or 935K
4000K, 80CRI or 90 CRI	40K or 940K
Circuits & Zones	1C
1 Circuit	
Voltage	UNV
120/277 UNV Volt	
Control System & Dimming Level	
0-10V - 10% Dimming	LD1
0-10V - 1% Dimming	L11
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1
DALI 1% Dimming	D11
Factory Options	
Black Cord	BKCD
Emergency Circuit	_EC
Emergency Battery Pack	_EM

UNLIT SYSTEM ORDERING

System Series	AUMR
Mora Build unlit	AUMR
Style	
Wave A	WVA
Wave B	WVB
Acoustic Panel Color	
See page 10 for color offering	
Size (nominal)	
4' x 4'	44
5' x 5'	55
6' x 6'	66
7' x 7'	77
8' x 8'	88
Blade Spacing	
4" on center	40C
6" on center	60C
12" on center	120C
(6 x 6, 7 x 7 and 8 x 8 sizes only)	
System Mounting	
Direct to Strut: StrutKlip	DTSK
Direct to Strut: Magnet	DTSM
Cable Suspension (24" length)	24CS

# Mora® Create

## INTEGRATED ACOUSTIC CEILING AND LIGHTING SYSTEM



### SYSTEM FEATURES

Mora combines TruBlade® slim, 9mm thick, sound absorbing acoustic baffles with optional continuous Seem® 1 Acoustic luminaires.

Available in three designs: Alpine, Radiate, and Ripple.

Custom sized arrays to fit the exact room dimensions.

TruBlade's top aluminum extrusion optimizes stability and straightness.

Blade spacing available in 4" , 6" or 12" on center.

Luminaire spacing in 1ft increments.

Seem 1 Acoustic luminaires feature AirCore® patent pending, eco-friendly technology that maximizes sound absorption and reduces ecological impact.

Frosted acrylic lens provides uninterrupted illumination, without pixels or shadows.

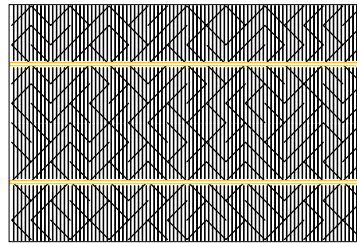
Choice of lumen output levels to meet a wide variety of application needs.

Wide range of PET color options including The Naturals, a series of finishes that exude biophilic beauty, provides design flexibility and personalization for any project.

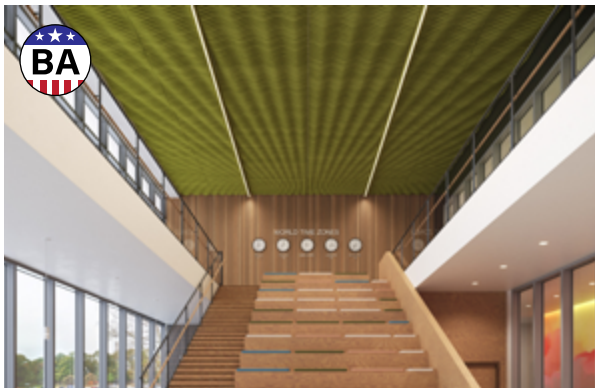
### ALPINE



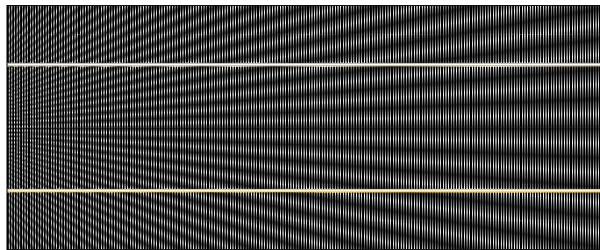
Alpine elevates ceilings with its rugged, angular pattern. Defined geometric figures emerge from the surface and shift at various viewing angles.



### RADIATE



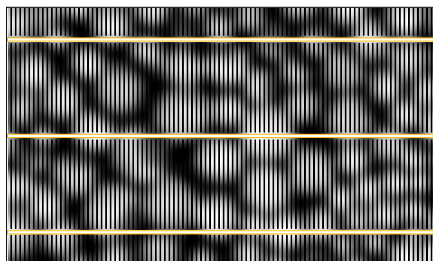
Radiate fills the ceiling with soft undulations that extend from a central point. The symmetrical, rhythmic pattern conveys a strong sense of direction and perspective as the motif spreads away from its origin.



### RIPPLE



Ripple's gently flowing pattern conveys an organic feel with random waves that surge and swell across the ceiling.

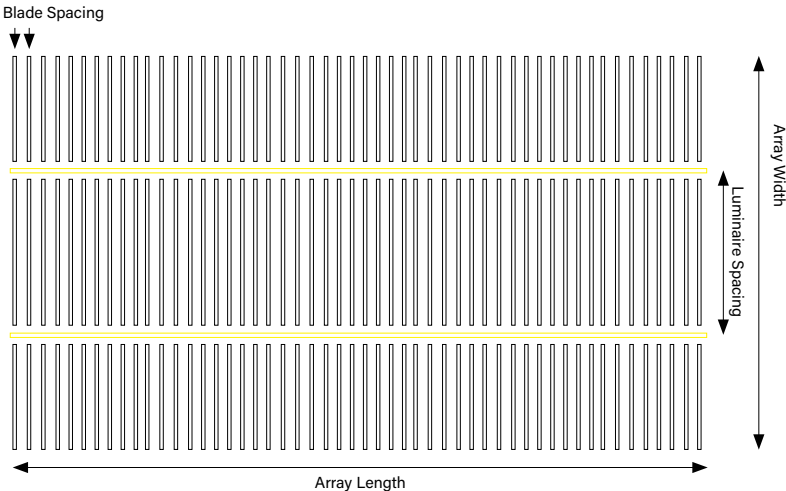




Complete form below and email to [acoustic.solutions@focalpointlights.com](mailto:acoustic.solutions@focalpointlights.com) to initiate your Mora Create project. \*indicates required fields.

\*What are the dimensions of your array?

Array Length (ft) \_\_\_\_\_ Array Width (ft) \_\_\_\_\_



\*Which design are you selecting for your array?

☐ Alpine ☐ Radiate ☐ Ripple

What is your desired blade spacing (tighter spacing is recommended)?

☐ 4" on center ☐ 6" on center ☐ 12" on center

\*Will your array include luminaires?

☐ Yes ☐ No

if yes,

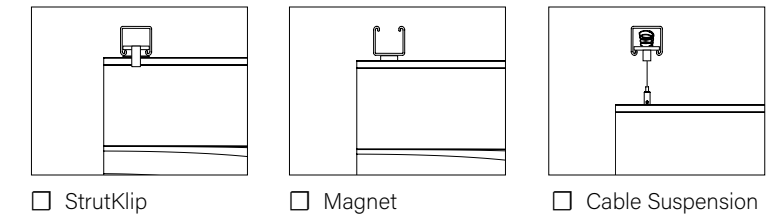
What is your desired luminaire on-center spacing? (ft) \_\_\_\_\_

Complete Luminaire Ordering section on page 3

(not required for project initiation, but necessary for final quotation)

What color of PET is your array (see color offering on page 10)? \_\_\_\_\_

What is your desired system mounting (see page 8 for details)?



\*What is the name and location of your project?

Project name: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

**SUBMIT FORM VIA EMAIL**

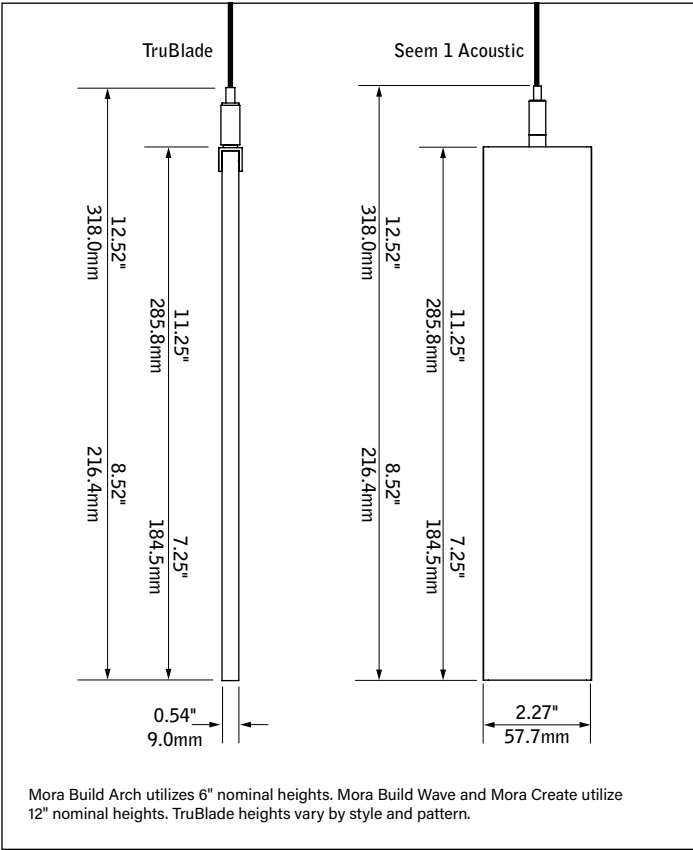
**SYSTEM ORDERING**

<b>System Series</b>	_____
Lit Mora Create	AMRC
Unlit Mora Create	AUMRC
<b>Design</b>	_____
Alpine	ALP
Radiate	RDT
Ripple	RPL
<b>Acoustic Panel Color</b>	_____
See page 10 for color offering	
<b>Array Length</b>	_____
Specify in feet	_FTX
<b>Array Width</b>	_____
Specify in feet	_FTY
<b>Blade Spacing</b>	_____
(4" on center spacing recommended)	
4" on center	4OC
6" on center	6OC
12" on center	12OC
<b>Luminaire Orientation</b>	_____
(Leave blank for unlit systems. Contact factory for alternate orientations.)	
Perpendicular to Blades	PPD
<b>Luminaire Spacing</b>	_____
(Leave blank for unlit systems)	
Specify on-center luminaire spacing in 1ft increments	_FTOC
<b>Blade Mounting</b>	_____
Direct to Strut: StrutKlip	DTSK
Direct to Strut: Magnet	DTSM
Cable Suspension (24" length)	24CS

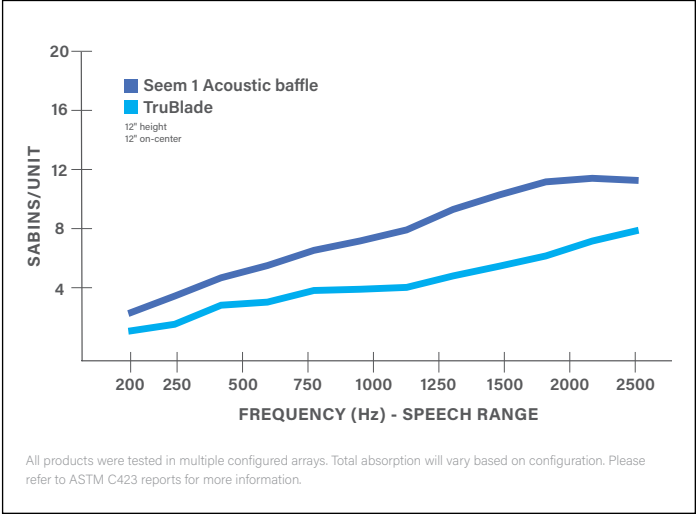
**LUMINAIRE ORDERING**

<b>Luminaire Series</b>	_____	<b>ASM1S</b>
Seem 1 Acoustic	ASM1S	
<b>Shielding</b>	_____	
Batwing Lens	BW	
Regress Lens	RL	
<b>Height</b>	_____	<b>12</b>
12" nominal	12	
<b>Lumen Output</b>	_____	
100 Lumens per foot	100LF	
(Consult factory for Lutron, DALI)		
200 Lumens per foot	200LF	
300 Lumens per foot	300LF	
400 Lumens per foot	400LF	
500 Lumens per foot	500LF	
<b>Color Temperature</b>	_____	
3000K, 80CRI or 90 CRI	30K or 930K	
3500K, 80CRI or 90 CRI	35K or 935K	
4000K, 80CRI or 90 CRI	40K or 940K	
<b>Circuits &amp; Zones</b>	_____	
1 Circuit, non-emergency	1C	
Consult Ordering Guide on page 11 for multiple circuiting and zoning options	_C_Z_DL	
<b>Voltage</b>	_____	<b>UNV</b>
120/277 UNV Volt	UNV	
<b>Control System &amp; Dimming Level</b>	_____	
0-10V - 10% Dimming	LD1	
0-10V - 1% Dimming	L11	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
DALI 1% Dimming	D11	
<b>Luminaire Mounting</b>	_____	
(Mounting hang kits ship with order.)		
Direct/Flush to Strut	DTS	
Cable Suspension (24" length)	J24	
<b>Factory Options</b>	_____	
(See Ordering Guide on page 5 for ordering details for DC, EC, EM & ECD.)		
Mora Create system component	AMR	<b>AMR</b>
Black Cord	BKCD	
Daylight Circuit	_DC	
Emergency Circuit	_EC	
Emergency Battery Pack†	_EM	
Emergency Control Device†	_ECD	
†(4' minimum length.)		
<b>Acoustic Panel Color</b>	_____	
See page 10 for color offering		
<b>Luminaire Length</b>	_____	<b>ft in</b>
(Luminaires are 3/4" longer than specified and cannot be cut to length in the field. Individual lengths cannot be joined in the field.)		
Specify length in 1" increments		
from 3' to 208'	_ft_in	

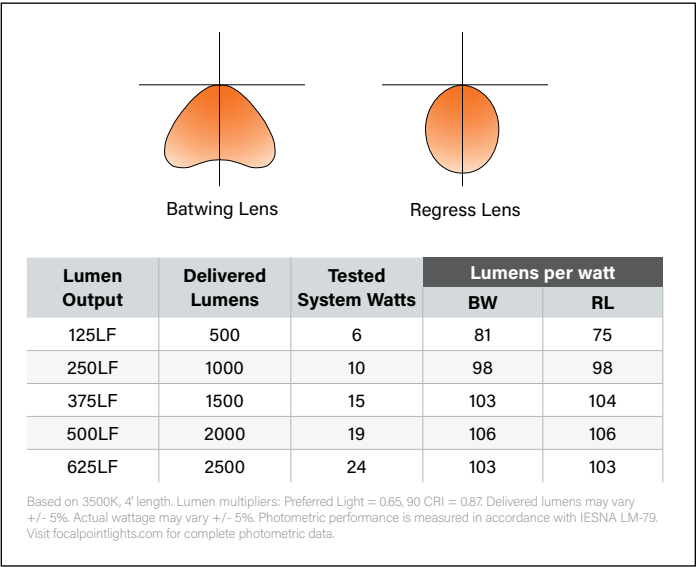
COMPONENT DIMENSIONAL DETAILS



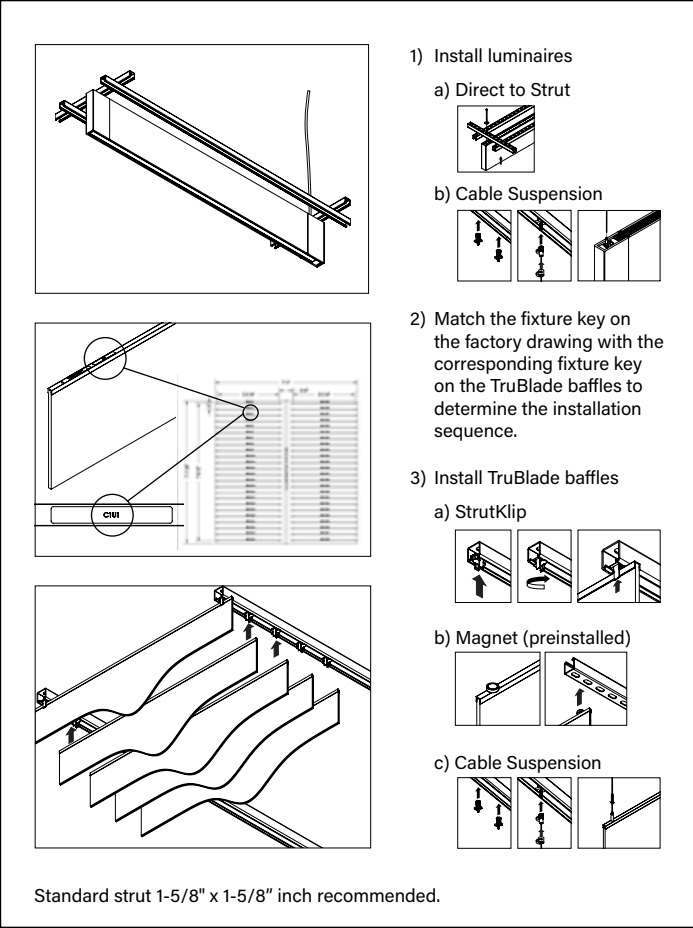
ACOUSTIC PERFORMANCE



LUMINAIRE DISTRIBUTIONS & PERFORMANCE



INSTALLATION METHODS





SPECIFICATIONS

Acoustic Material

Content	Housing material is 100% polyester containing up to 50% of recycled plastic bottles (PET felt) and is moisture resistant.  See page 10 for color offering. Acoustic material colors are subject to change without notice. For the most current color options, please visit focalpointlights.com/acousticsolutions. Lead times may vary depending on color.
Cleaning and Care	Polyethylene Terephthalate (PET) felt can be vacuumed to remove dust. For spills and stains, blot away any excessive moisture from spills off the material as quickly as possible.  Wipe the area with a damp cloth and blot dry. If the staining persists, apply a small quantity of carpet cleaner mixed with water on a dampened cloth. Blot well after each application. Make sure to test this procedure in a discreet area before you use it in a visible area.
PET Thickness	9mm
Surface Burning Characteristics	ASTM E84 Class A / CAN ULC S102 Flame Spread: 0 Smoke Development Index: 300

Acoustic Performance

Acoustic testing is performed on all Focal Point acoustic products and varies based on installation and configuration. ASTM C423 test reports can be downloaded from focalpointlights.com. Contact acoustic.solutions@focalpointlights.com for technical questions.

Sabins	Sabins is a unit of sound absorption. It measures how well one square foot of material absorbs sound. Focal Point has averaged the Sabins per unit at four specific frequency bands representing the human speech range (250, 500, 1000, 2000 Hz) to determine the Sabins per product.  8' length, 12" height: TruBlade 12" OC = 5.08 Sabins Seem 1 Acoustic 12" OC = 5.08 Sabins
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Construction

Possible variance in blade vertical alignment due to material tolerance (+/-1°).

LED System

Proprietary linear LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance. Available in 3000K, 3500K or 4000K with both 80 and 90 CRI options. LED drivers are replaceable from above. Color accuracy <3 SDCM.

Weight

TruBlade: will not exceed 3.75lbs per unit.  
Seem 1 Acoustic: will not exceed 21.5lbs per 8ft.

Optic

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .07" thick with frosted finish.

Electrical

Luminaires are pre-wired with factory installed branch circuit wiring and over-molded quick connects. Standard 120-277V constant current driver includes 0-10V analog dimming. Power factor > .9. Power cord white as standard.

Canopy (optional)

Polyester powder coat applied over a multi-stage pre-treatment. Canopy white as standard.

Emergency Battery

Emergency output - 10 watts for 90 minutes. Maximum mounting height: 16.83ft.

Labels

ETL listed in accordance with UL standards. Suitable for Dry Locations, indoor use only.

Lumen Maintenance

Reported: L70 at >61,000 hours                      Calculated: L70 at 470,000 hours  
                  L90 at >61,000 hours                      L90 at 115,000 hours  
Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.

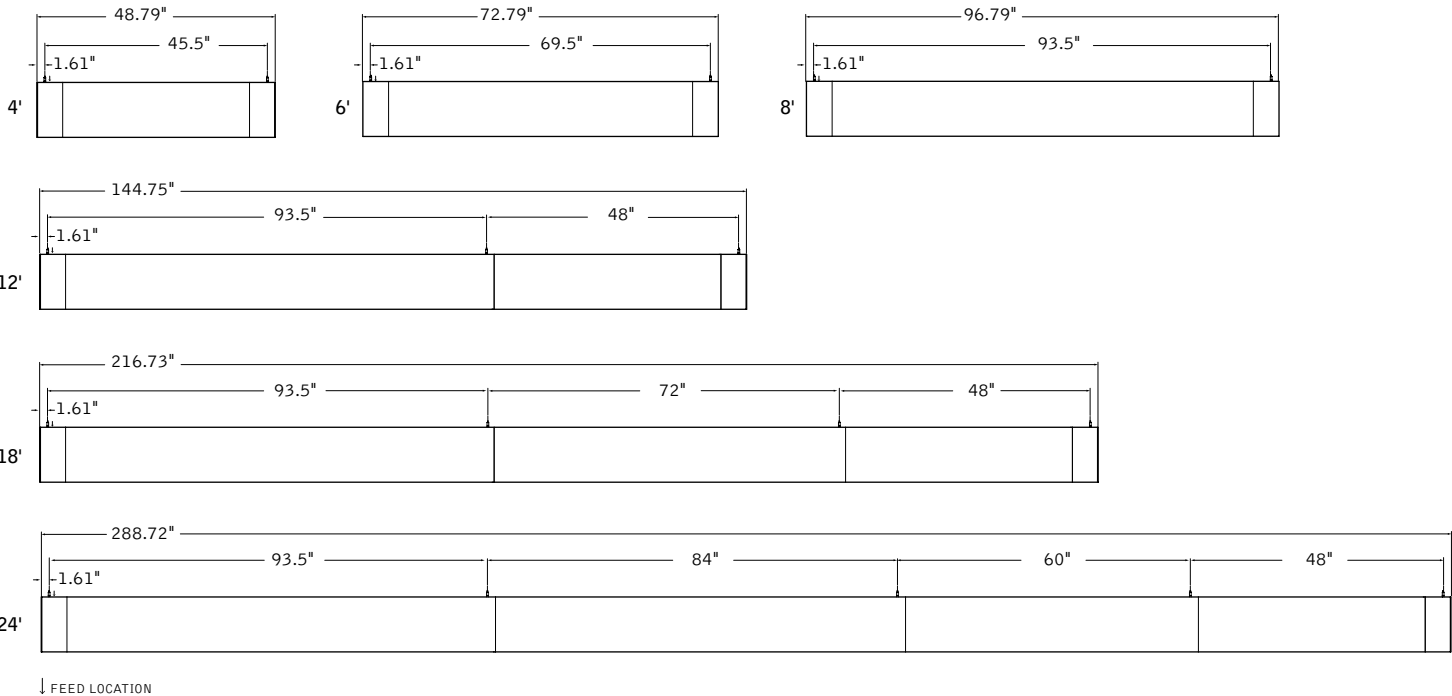
Reliability

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

Warranty

LED system rated for operation in ambient environments up to 25°C. Illuminated systems 5-year limited warranty. Unlit systems 1-year limited warranty.

MOUNTING DETAILS LUMINAIRES



# Acoustic Materials



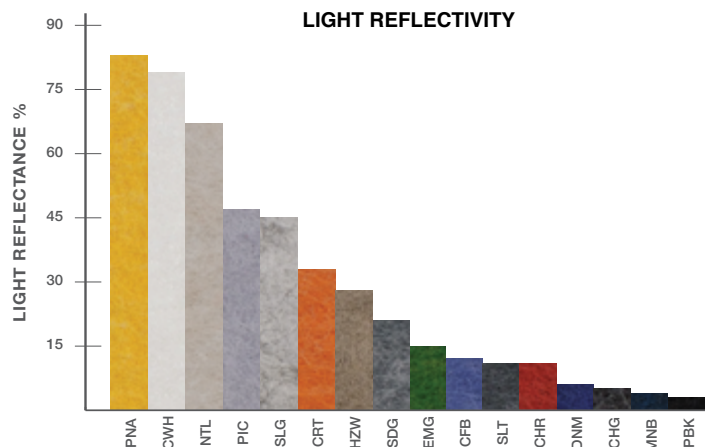
## THE NATURALS (25% SCALE)



## STANDARD PET



## PREMIUM PET



**PET**  
Focal Point, LLC

Final Assembly: Chicago, Illinois, USA  
Life Expectancy: 30 Year(s)  
End of Life Options: Salvageable/Reusable in its Entirety, Recyclable (100%)

**Ingredients:**

Polyethylene terephthalate: PET; N, N'-Ethylene bisstearamide; Octadecanamide, N,N'-1,2-ethanediylbis-; Stearic Acid; Antioxidant 1076: Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, octadecyl ester; Antioxidant KY-405: Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]; Titanium Dioxide: Titanium dioxide

**Living Building Challenge Criteria:**

**I-13 Red List:**

- LBC Red List Free
- LBC Red List Approved
- Declared

% Disclosed: 100% at 100ppm  
VOC Content: Not Applicable

**I-10 Interior Performance:** Not Compliant  
**I-14 Responsible Sourcing:** Not Applicable

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